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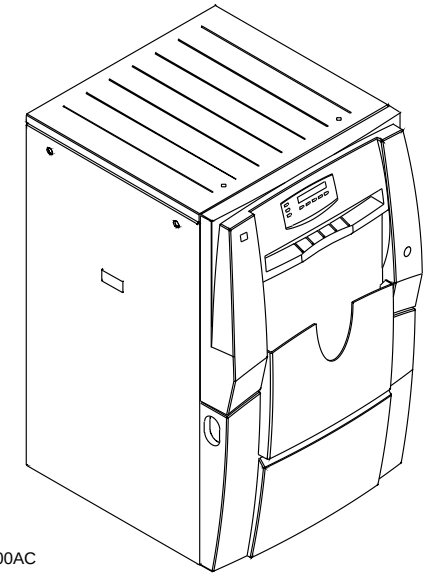
16FEB01

HEALTH IMAGING

COMPONENT LOCATOR
for the
Kodak X-Omat MULTILOADER 7000
Service Code: 3444

Important
Qualified service personnel must repair this equipment.



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This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

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Section 2: Location of Components

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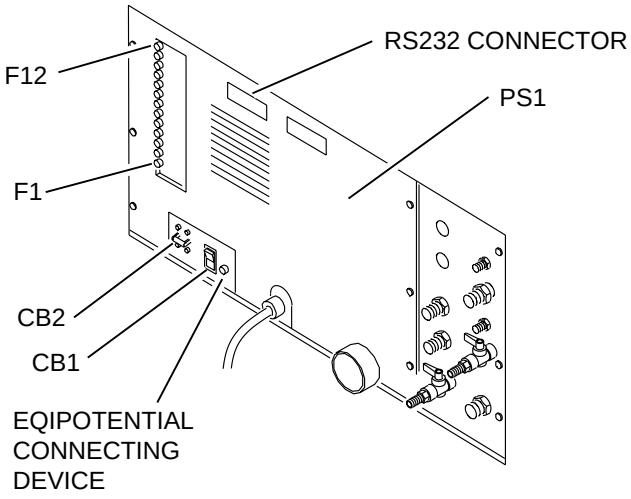

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Figure 1 CONNECTORS

Component	Description
F1 - F12	FUSE
CB1	CIRCUIT BREAKER 1
CB2	CIRCUIT BREAKER 2
PS1	POWER SUPPLY
- - - -	EQUIPOTENTIAL CONNECTING DEVICE
- - - -	RS232 CONNECTOR, for laptop

Figure 2 MOTORS - side view

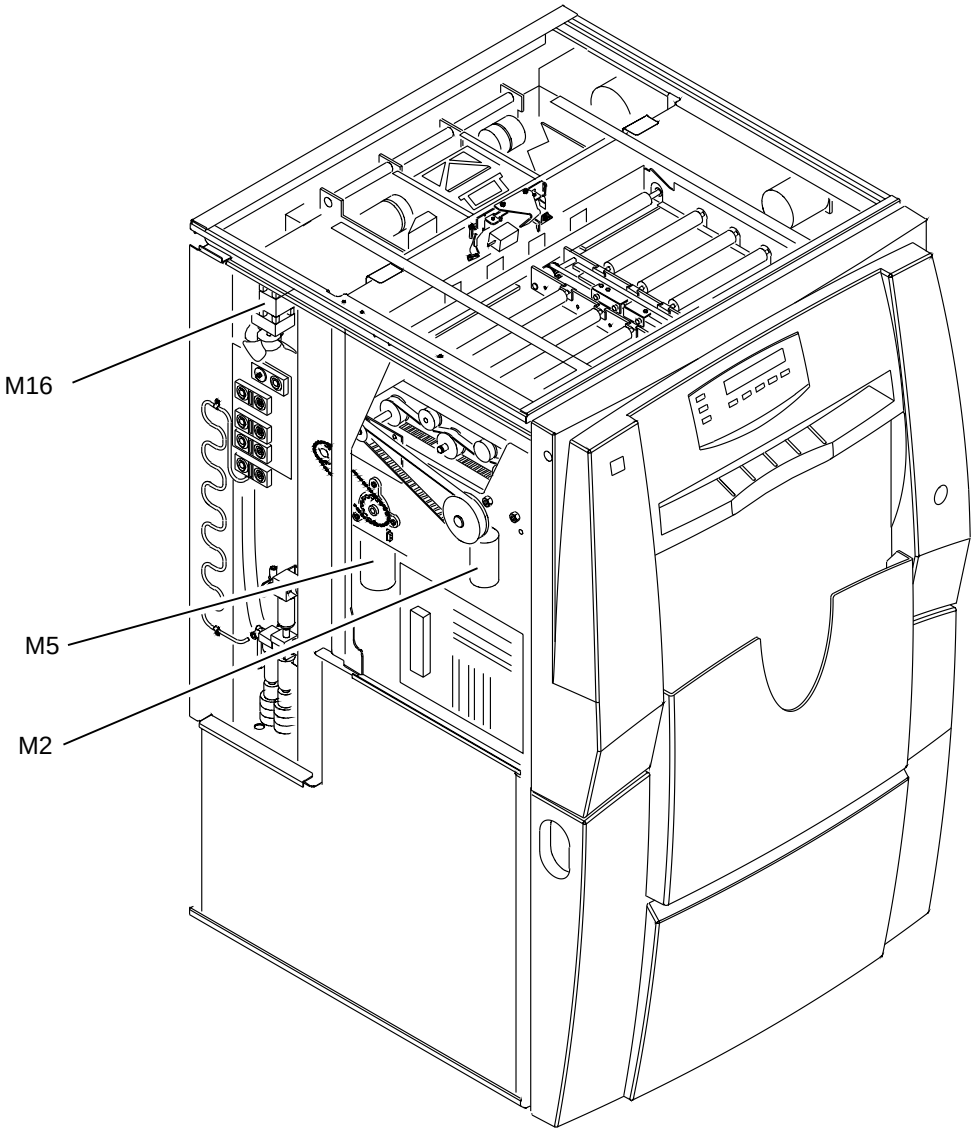

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Figure 2 MOTORS - side view

Component	Description
M2	MOTOR - cassette in
M5	MOTOR - cassette opener
M16	MOTOR - compressor

Figure 3 MOTORS - back view

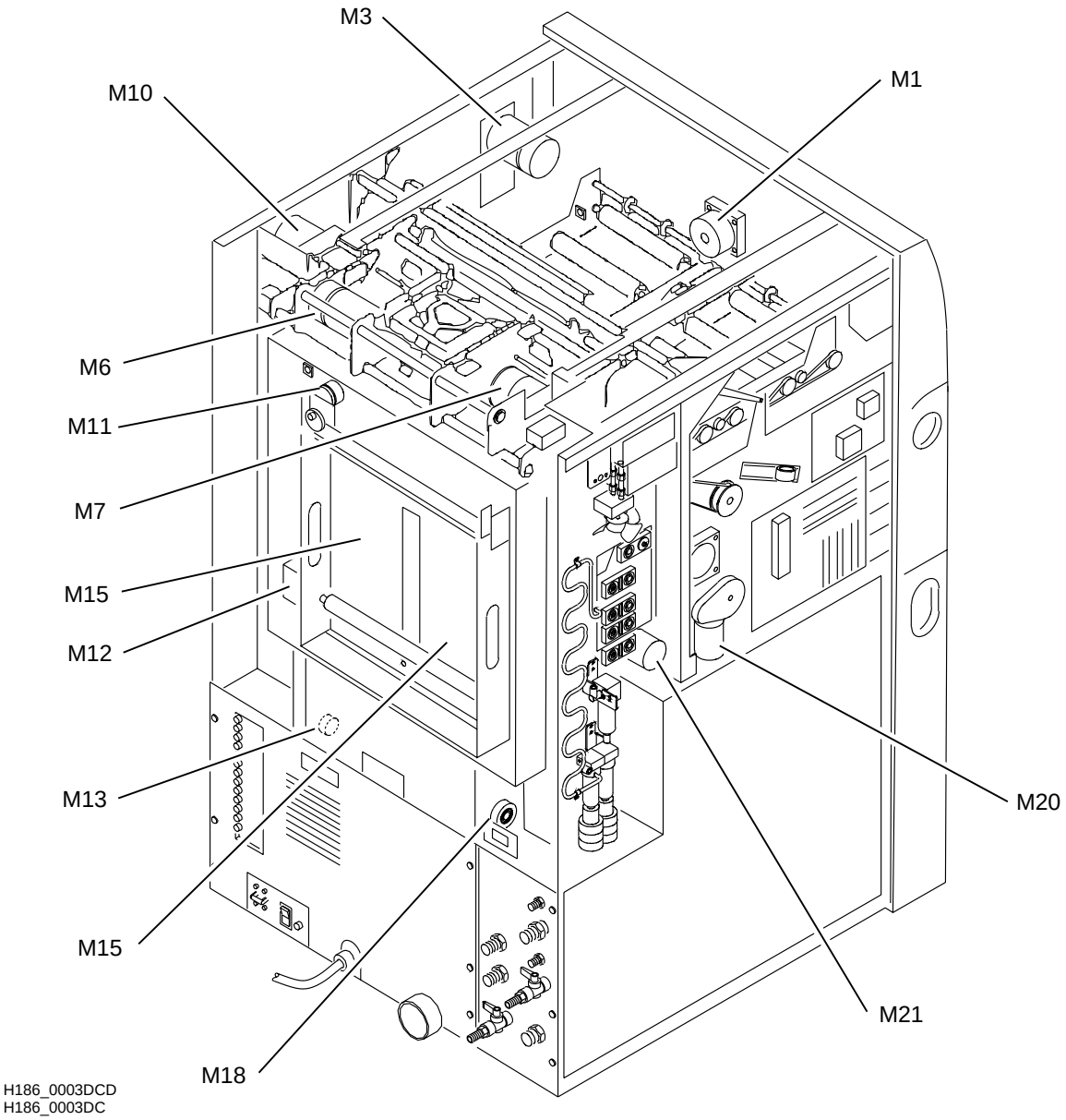

Figure 3 MOTORS - back view

Component	Description
M1	MOTOR - cassette input flap
M3	MOTOR - holding finger
M6	MOTOR - cassette film pickup
M7	MOTOR - roller pickup
M10	MOTOR - film pocket stepper
M11	MOTOR - interface flap
M12	MOTOR - film release
M13	MOTOR - processor interface
M15	MOTOR - film pocket sucker bar
M18	MOTOR - fan 2 processor interface
M20	MOTOR - magazine shuttle mechanism
M21	MOTOR - magazine opener

Figure 4 CASSETTE CENTERING MOTOR M4

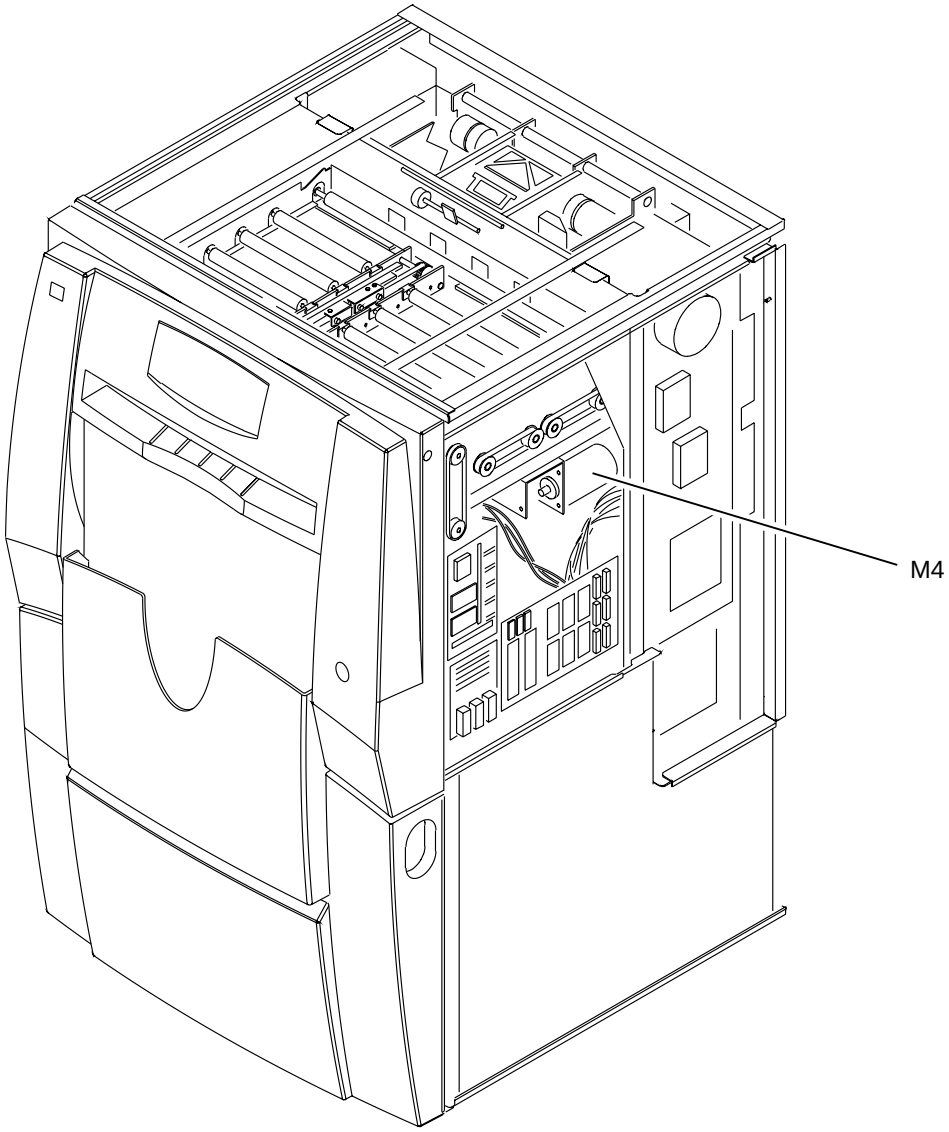

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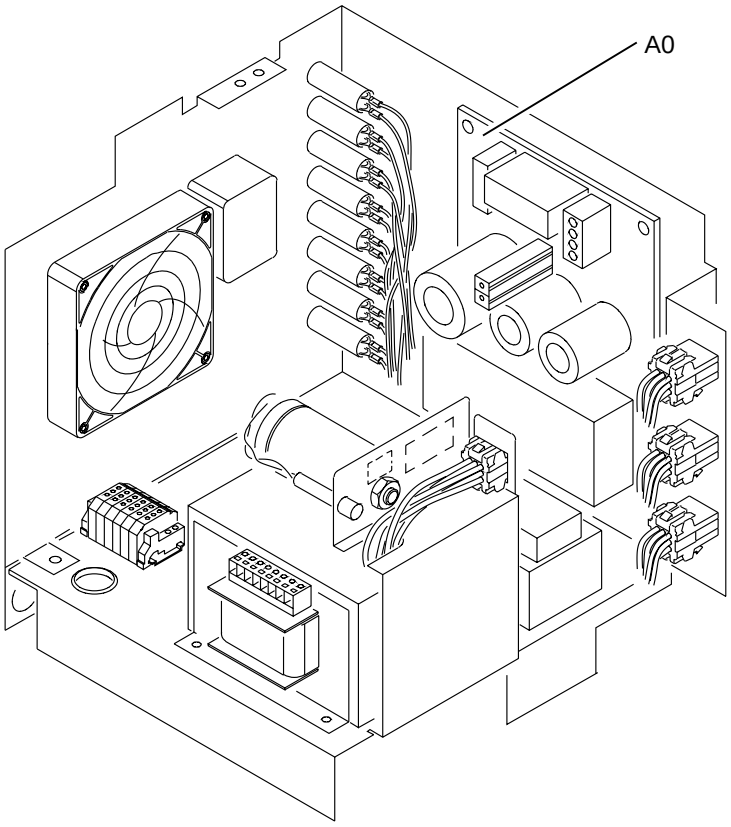
Figure 4 CASSETTE CENTERING MOTOR M4

Component	Description
M4	MOTOR - cassette centering

Figure 5 POWER SUPPLY BOARD A0



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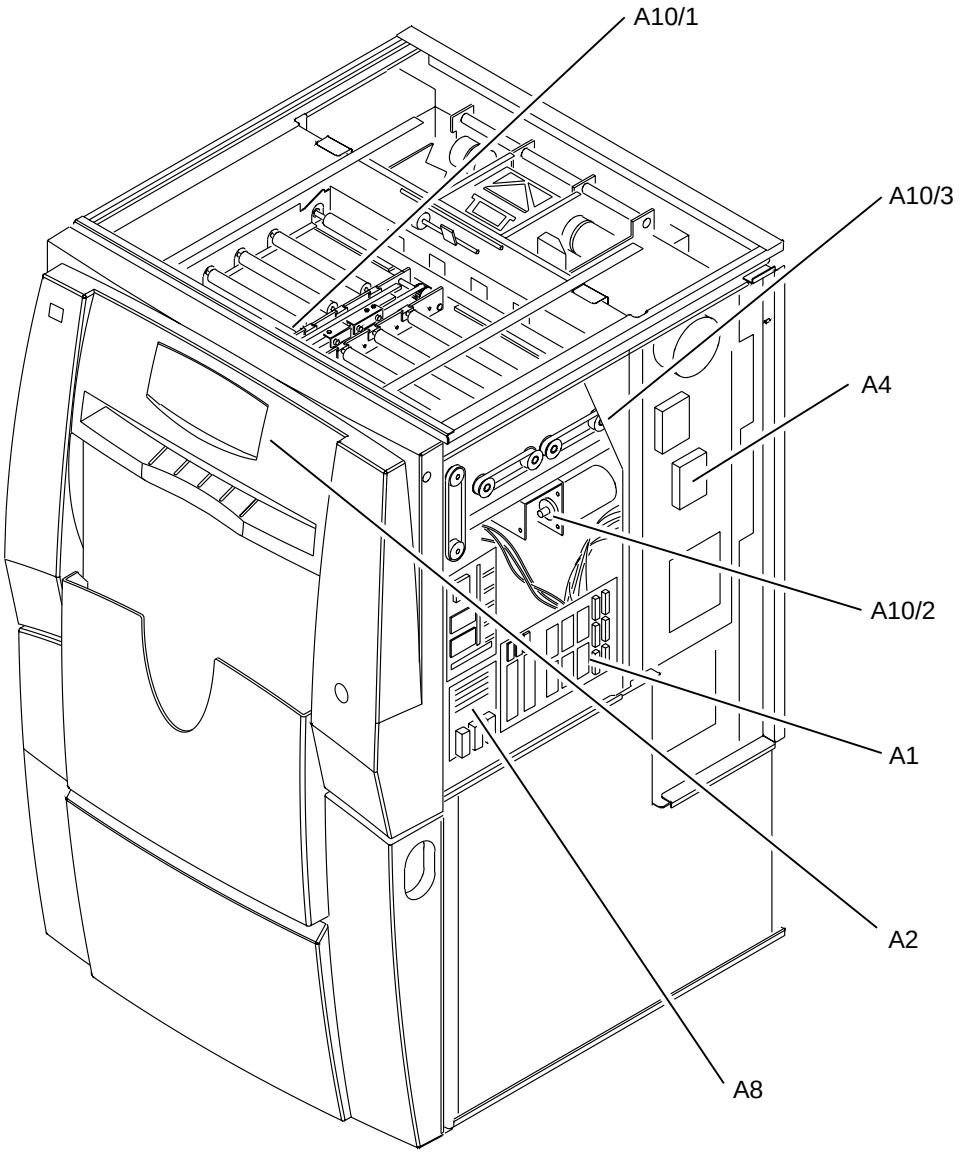
H186_0107HC

Figure 5 POWER SUPPLY BOARD A0

Component	Description
A0	BOARD - power supply

Figure 6 BOARD A1/BOARD A2/BOARD A4/BOARD A8/ODOMETER BOARD A10



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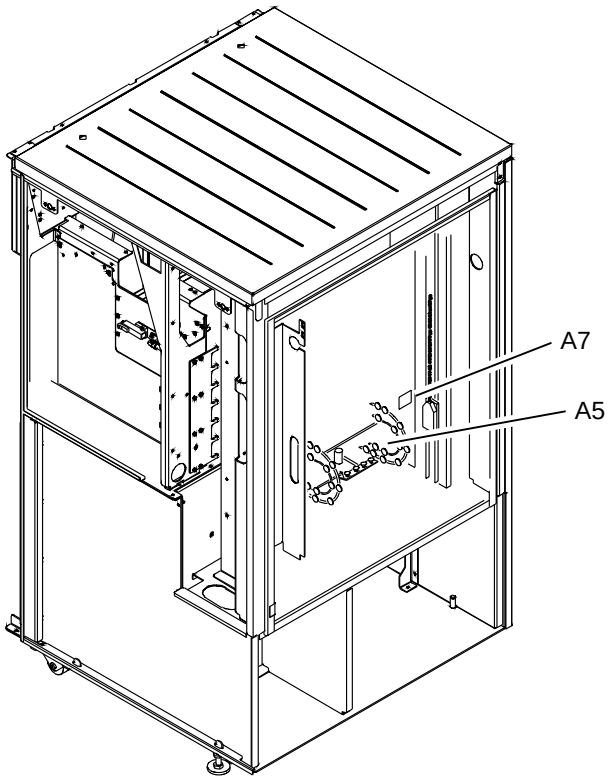
H186_0040DC

Figure 6 BOARD A1/BOARD A2/BOARD A4/BOARD A8/ODOMETER BOARD A10

Component	Description
A1	BOARD - main processor
A2	BOARD - operator interface
A4	BOARD - magazine interface
A8	BOARD - cassette interface
A10/1	BOARD - cassette width odometer
A10/2	BOARD - cassette length odometer
A10/3	BOARD - cassette opener odometer

Figure 7 BOARD A5/BOARD A7



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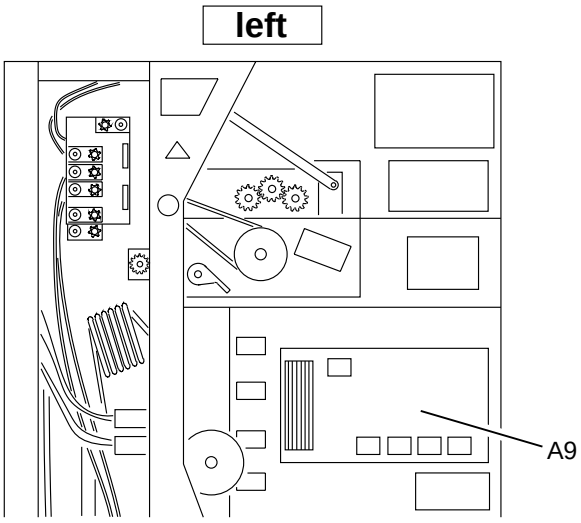
H186_0036GC

Figure 7 BOARD A5/BOARD A7

Component	Description
A5	BOARD - film pocket
A7	BOARD - level control

Figure 8 DC MOTOR DRIVER BOARD A9



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H186_0105AC

Figure 8 DC MOTOR DRIVER BOARD A9

Component	Description
A9	BOARD - dc motor driver

Figure 9 MAGAZINE SHUTTLE MECHANISM BOARDS

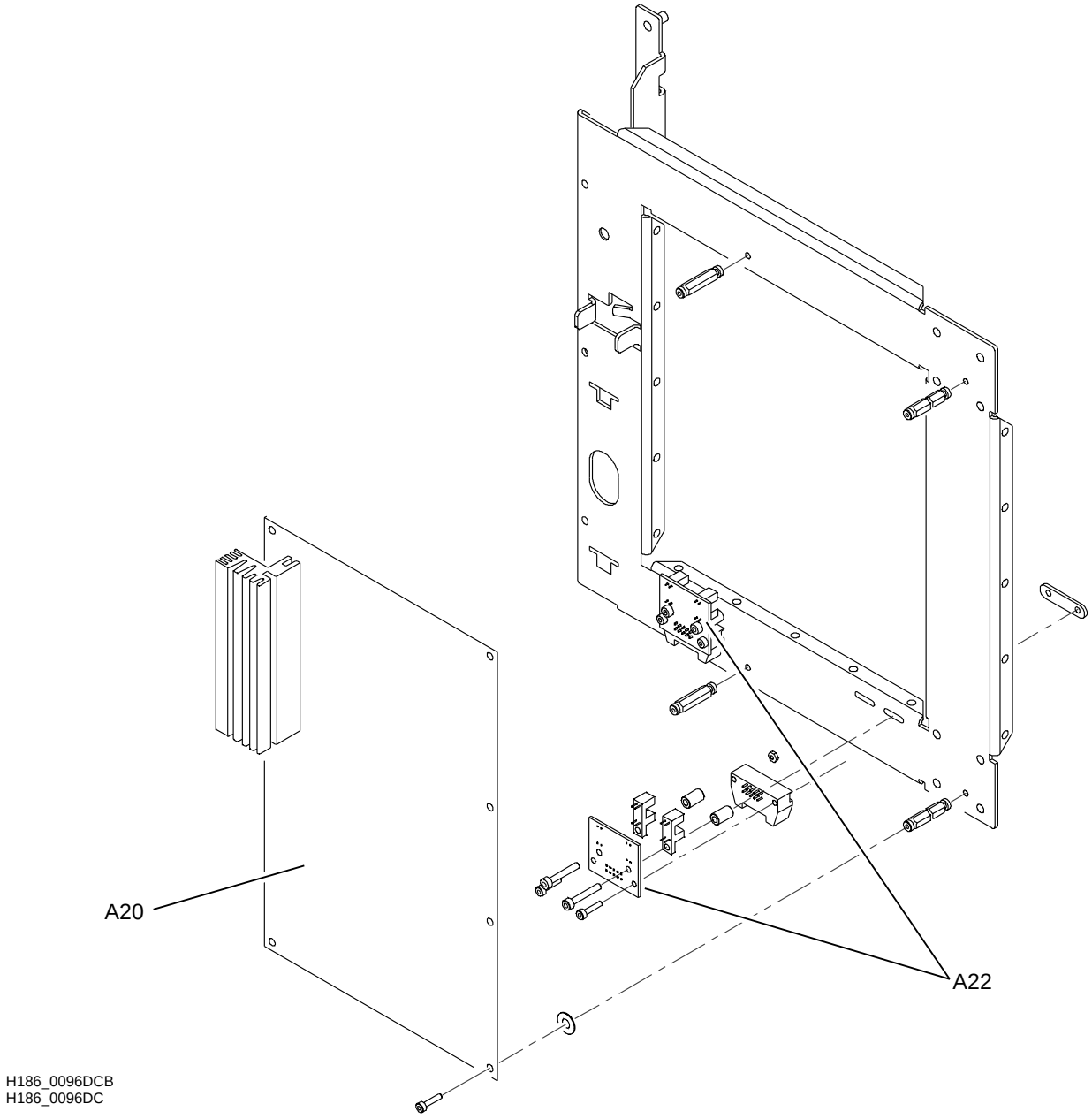
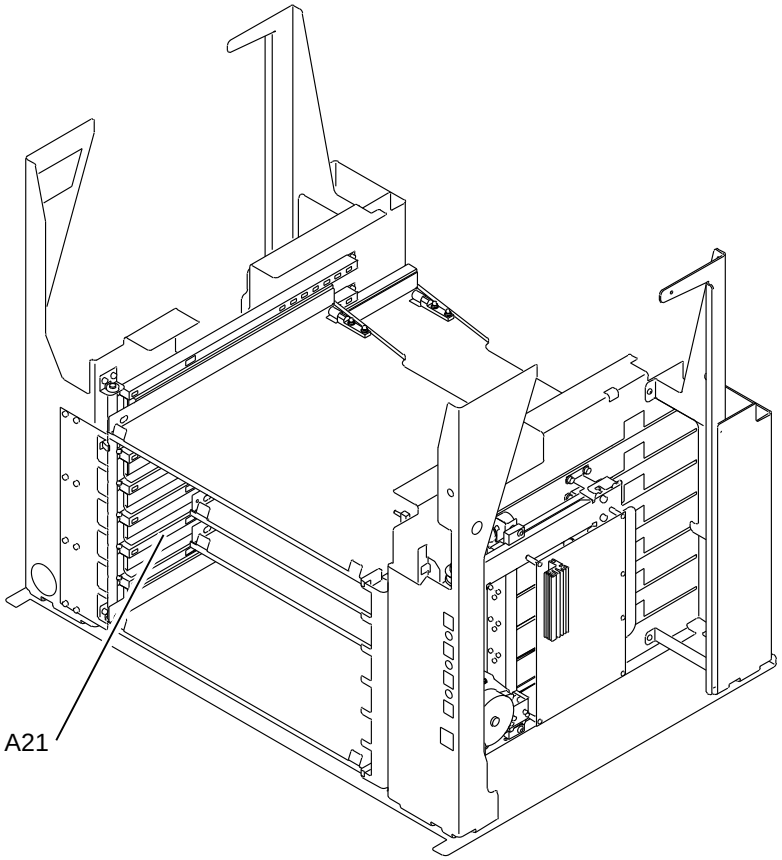


Figure 9 MAGAZINE SHUTTLE MECHANISM BOARD

Component	Description
A20	BOARD - magazine shuttle mechanism
A22	BOARD - position sensor

Figure 10 MAGAZINE SIZE/TYPE RECOGNITION BOARD A21



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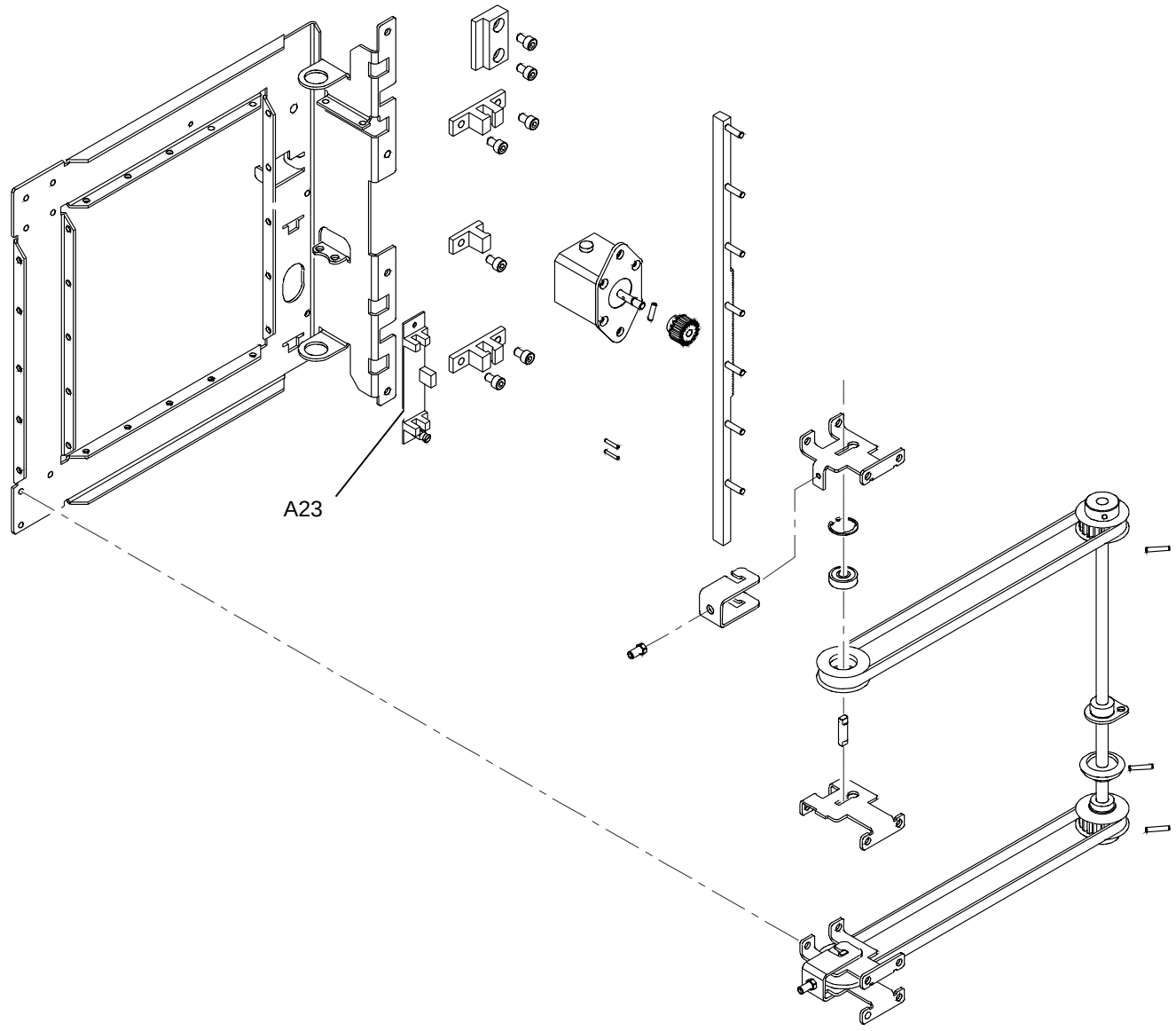
H186_8028HC

Figure 10 MAGAZINE SIZE/TYPE RECOGNITION BOARD A21

Component	Description
A21	BOARD - magazine size/type recognition, 7 BOARDS

Figure 11 MAGAZINE OPEN SENSOR BOARD A23



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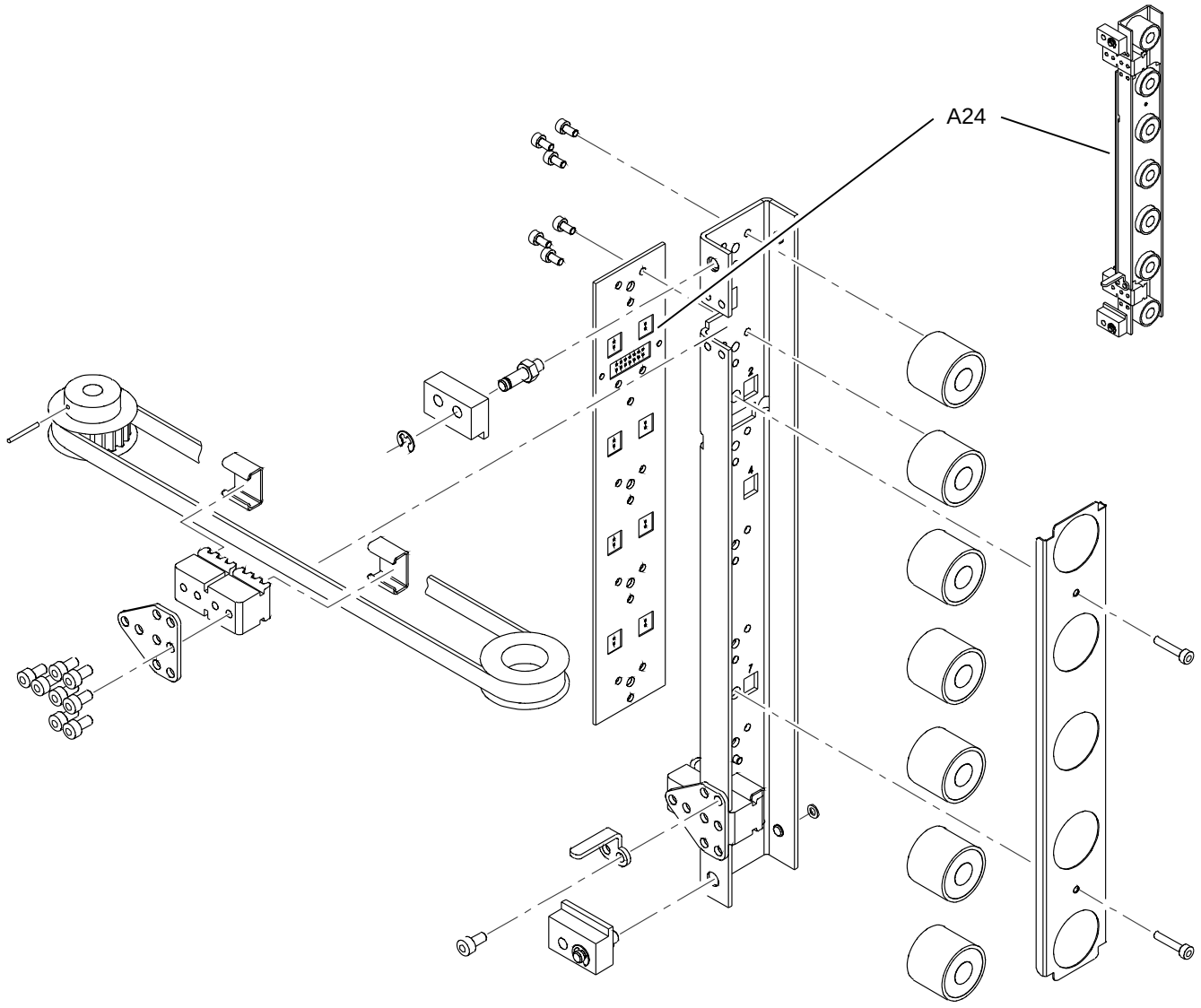
H186_0097DC

Figure 11 MAGAZINE OPEN SENSOR BOARD A23

Component	Description
A23	BOARD - magazine open sensor

Figure 12 MAGNET CONTROL BOARD A24



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H186_0095DC

Figure 12 MAGNET CONTROL BOARD A24

Component	Description
A24	BOARD - magnet control, includes ELECTROMAGNETS

Figure 13 DARKROOM FILM FEEDER BOARD A13

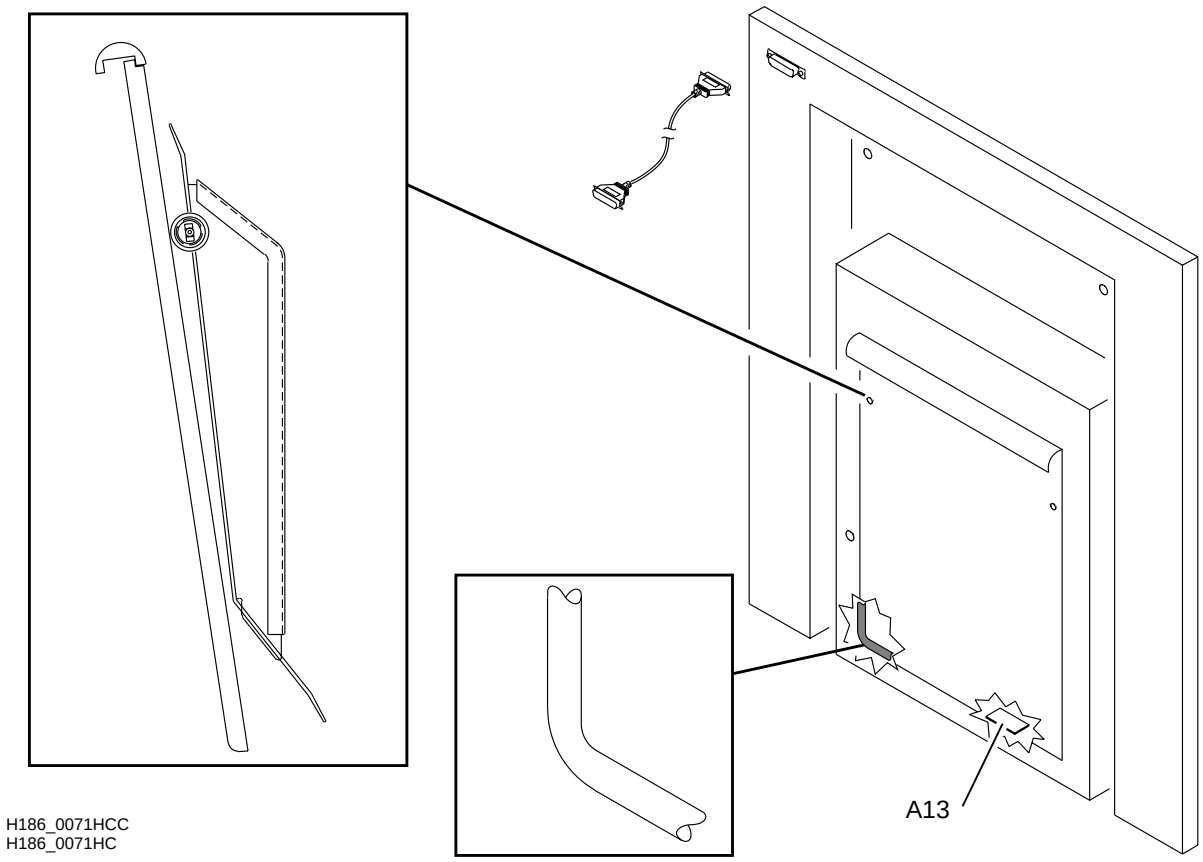
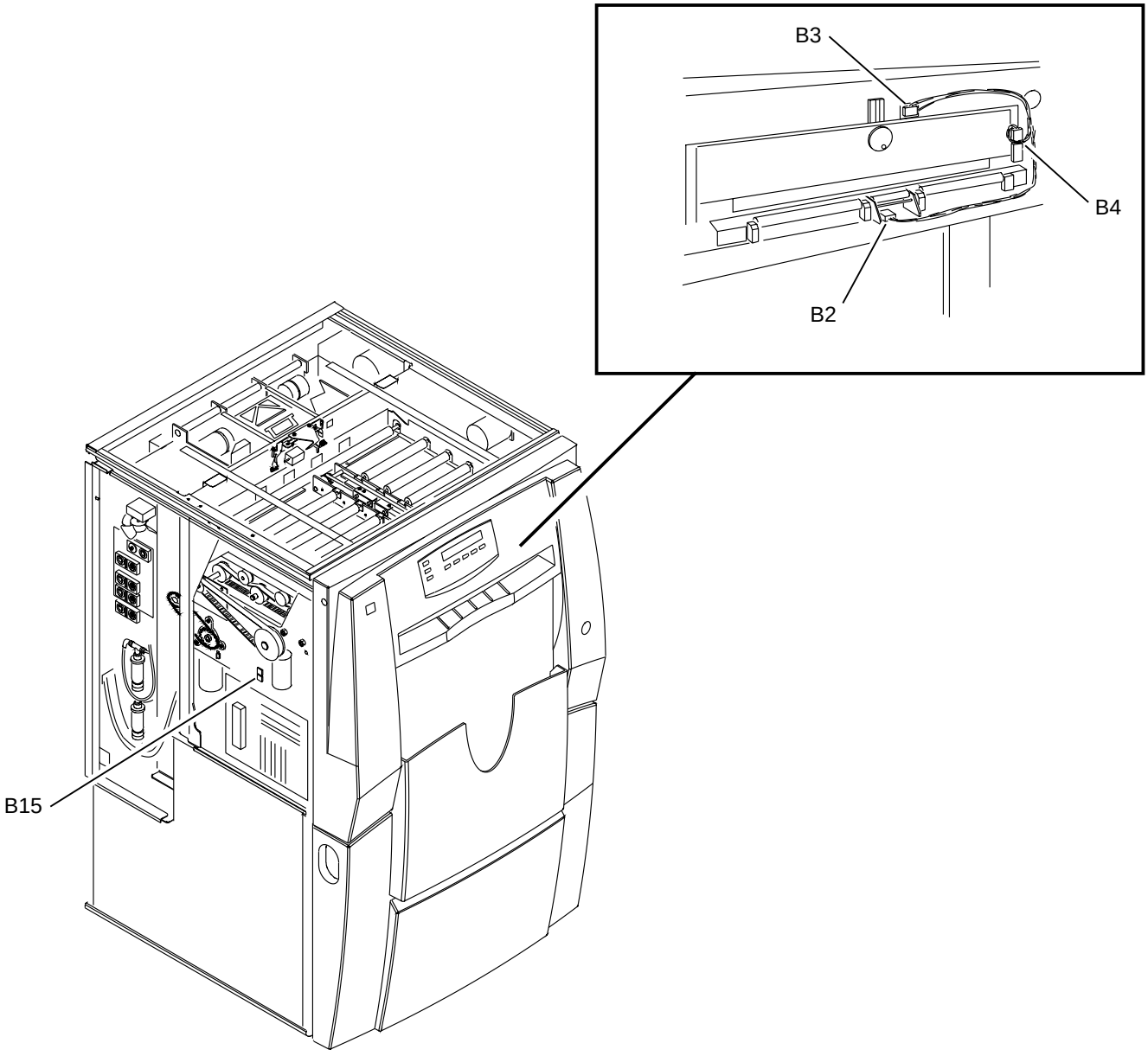


Figure 13 DARKROOM FILM FEEDER BOARD A13

Component	Description
A13	BOARD - darkroom film feeder

Figure 14 SENSOR B2/SENSOR B3/SENSOR B4/SENSOR B15



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H186_0041DC

Figure 14 SENSOR B2/SENSOR B3/SENSOR B4/SENSOR B15

Component	Description
B2	SENSOR - cassette registration
B3	SENSOR - cassette input flap end switch open
B4	SENSOR - cassette input flap end switch closed
B15	SENSOR - cassette opener end switch open

Figure 15 CASSETTE SENSORS

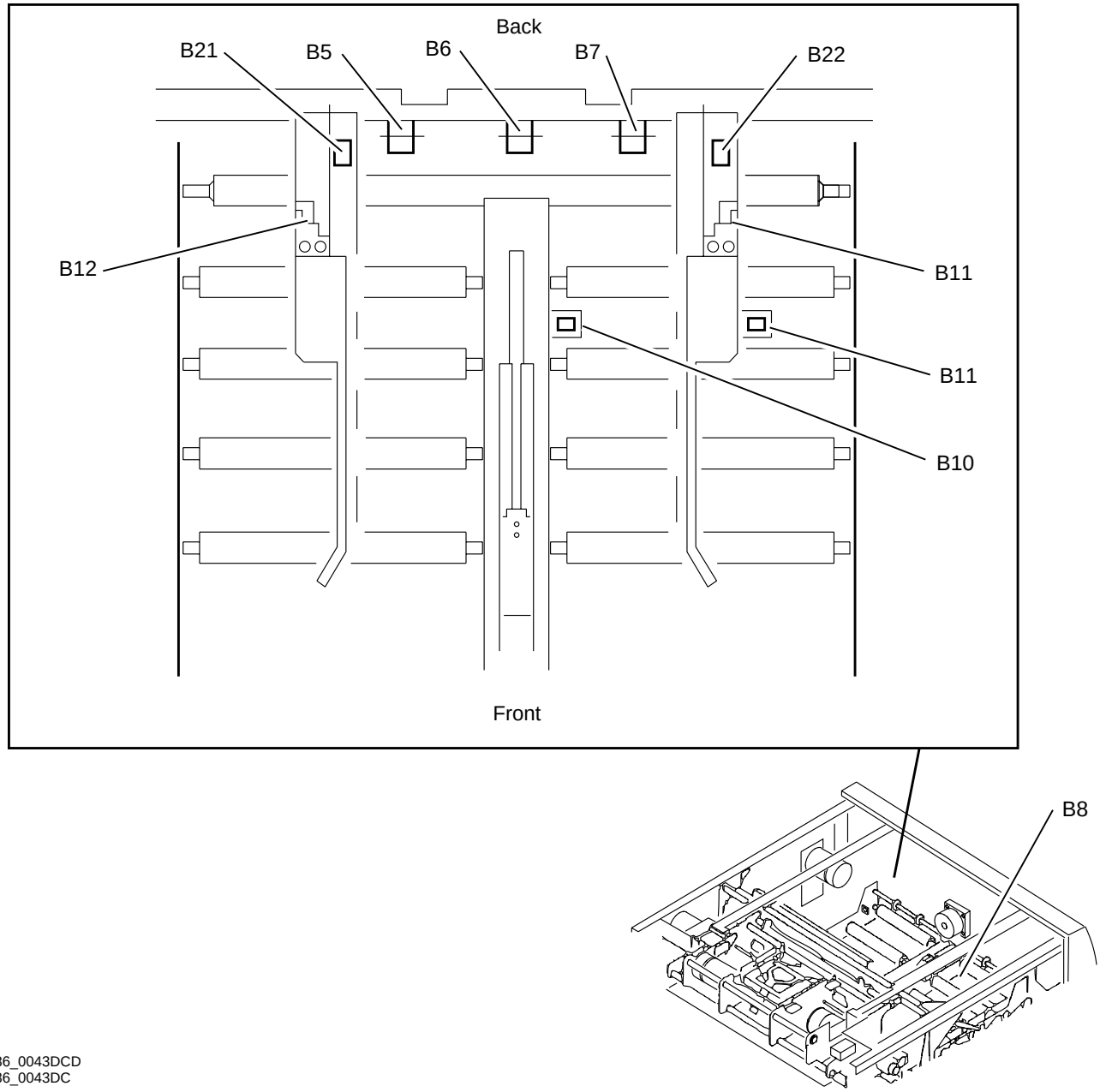

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Figure 15 CASSETTE SENSORS

Component	Description
B5	SENSOR - cassette in end switch left
B6	SENSOR - cassette in end switch middle
B7	SENSOR - cassette in end switch right
B8	SENSOR - cassette width detection, on the A10/1 BOARD
B9	SENSOR - centering bars end switch closed
B10	SENSOR - centering bars end switch open
B11	SENSOR - centered left
B12	SENSOR - cassette centered right
B21	SENSOR - film type 2 detection left
B22	SENSOR - film type 2 detection right

Figure 16 SENSOR B13/SENSOR B14

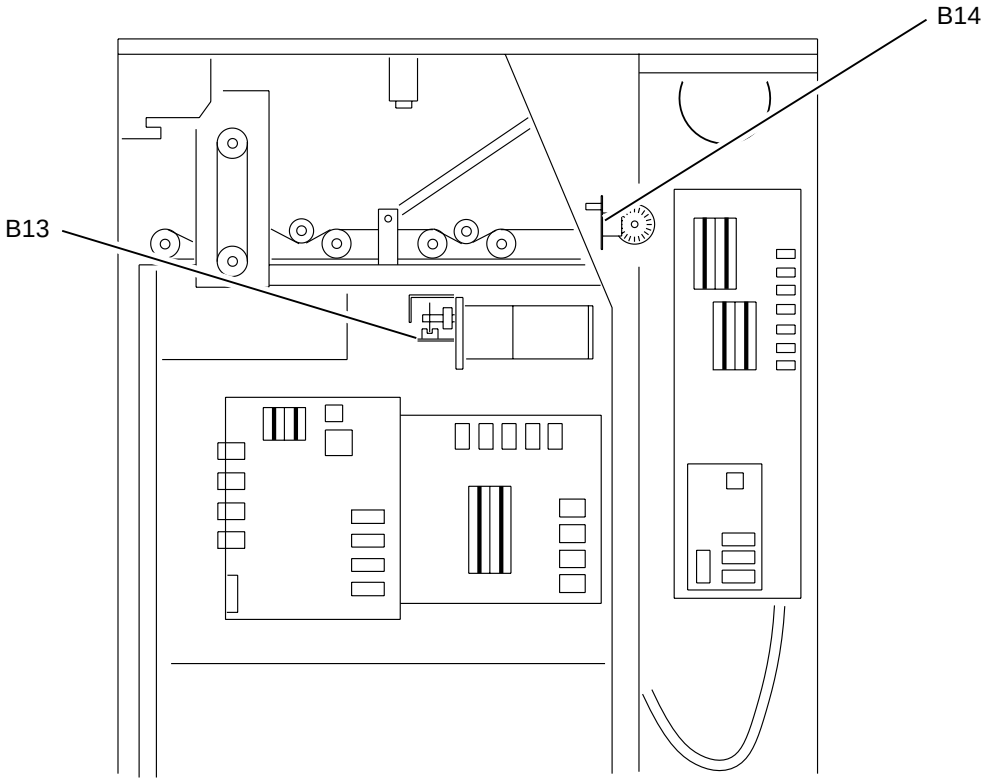
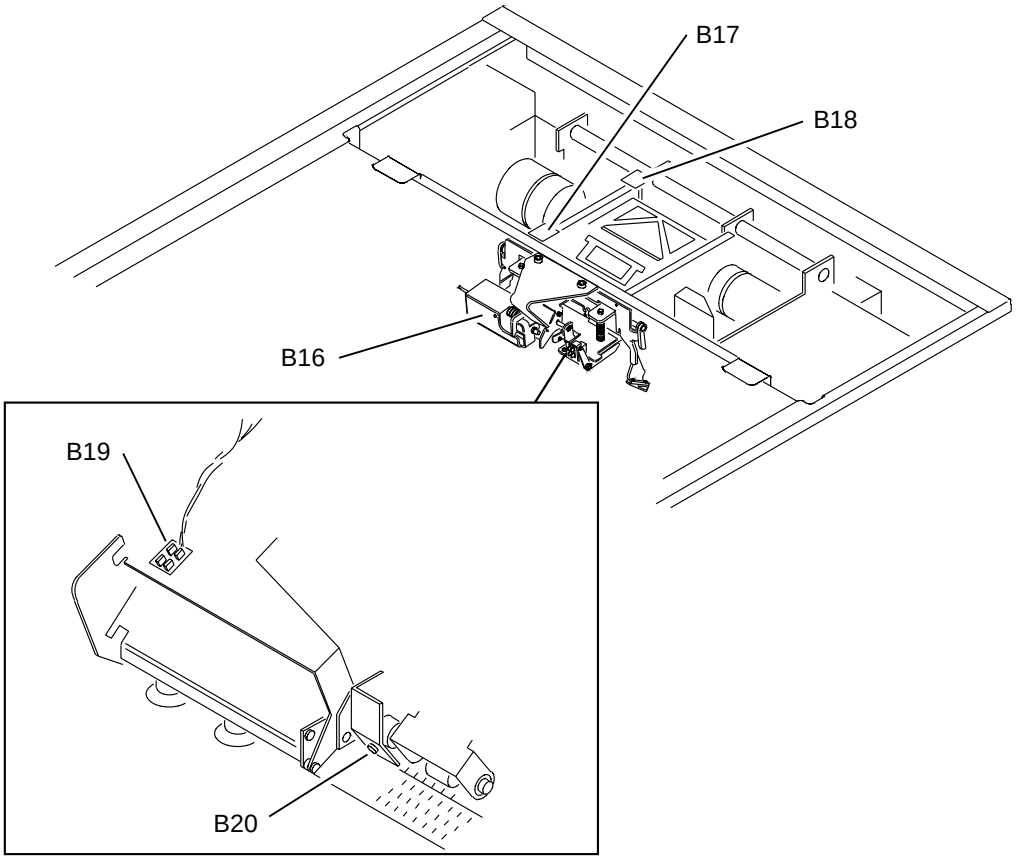


Figure 16 SENSOR B13/SENSOR B14

Component	Description
B13	SENSOR - cassette length detection
B14	SENSOR - cassette opener position

Figure 17 FILM PICKUP SENSORS



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H186_0042HC

Figure 17 FILM PICKUP SENSOR

Component	Description
B16	SENSOR - cassette relay opened
B17	SENSOR - film pickup end switch front
B18	SENSOR - film pickup end switch rear
B19	SENSOR - sucker bar tilt
B20	SENSOR - sucker bar vacuum off

Figure 18 FILM SENSORS

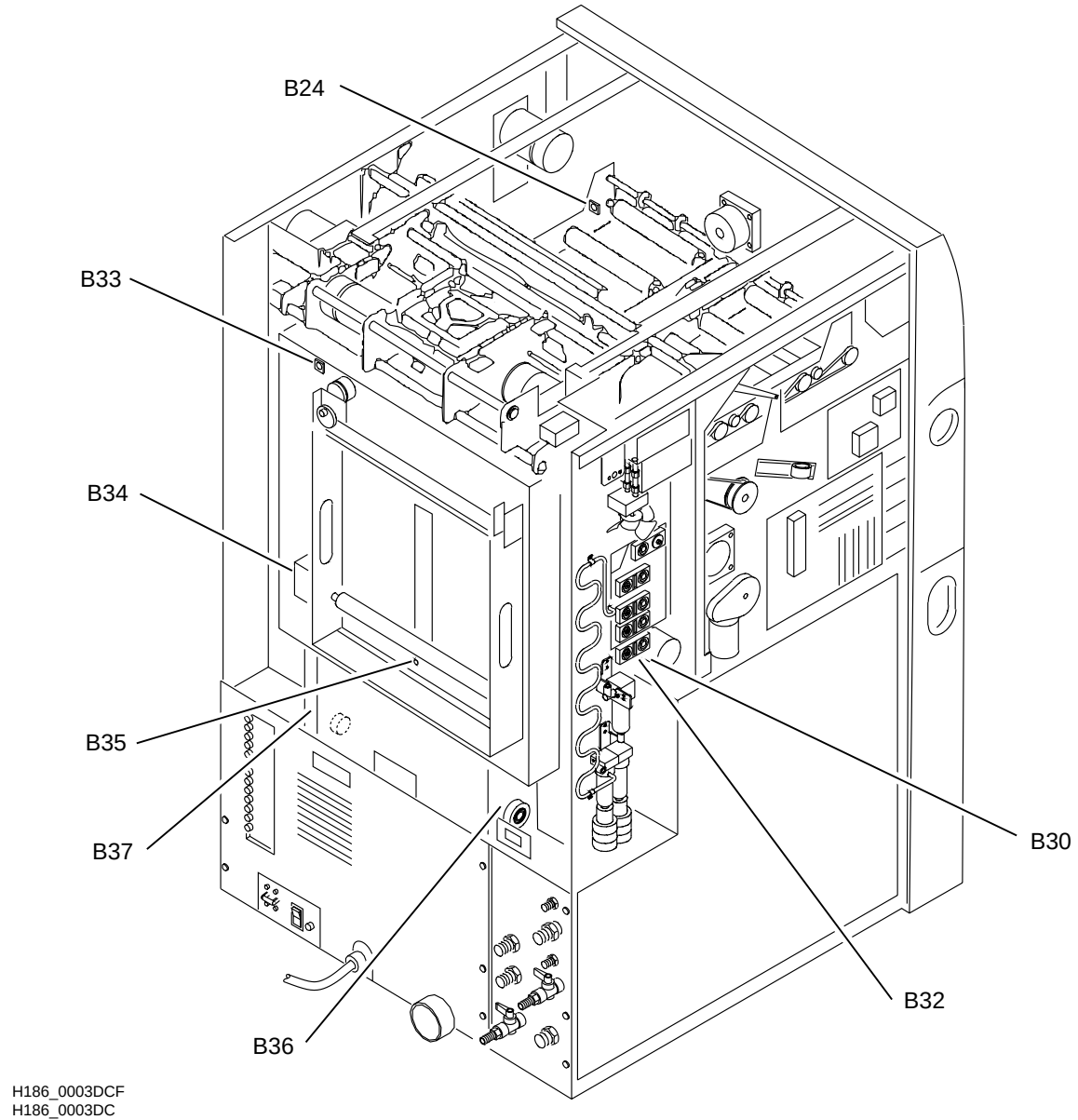

Figure 18 FILM SENSORS

Component	Description
B24	SENSOR - cassette registration 2
B30	SENSOR - film pocket home position
B32	SENSOR - magazine/cassette level
B33	SENSOR - interface flap closed end switch
B34	SENSOR - film release closed end switch
B35	SENSOR - film chute
B36	SENSOR - film detector left
B37	SENSOR - film detector right

Figure 19 MAGAZINE SENSORS

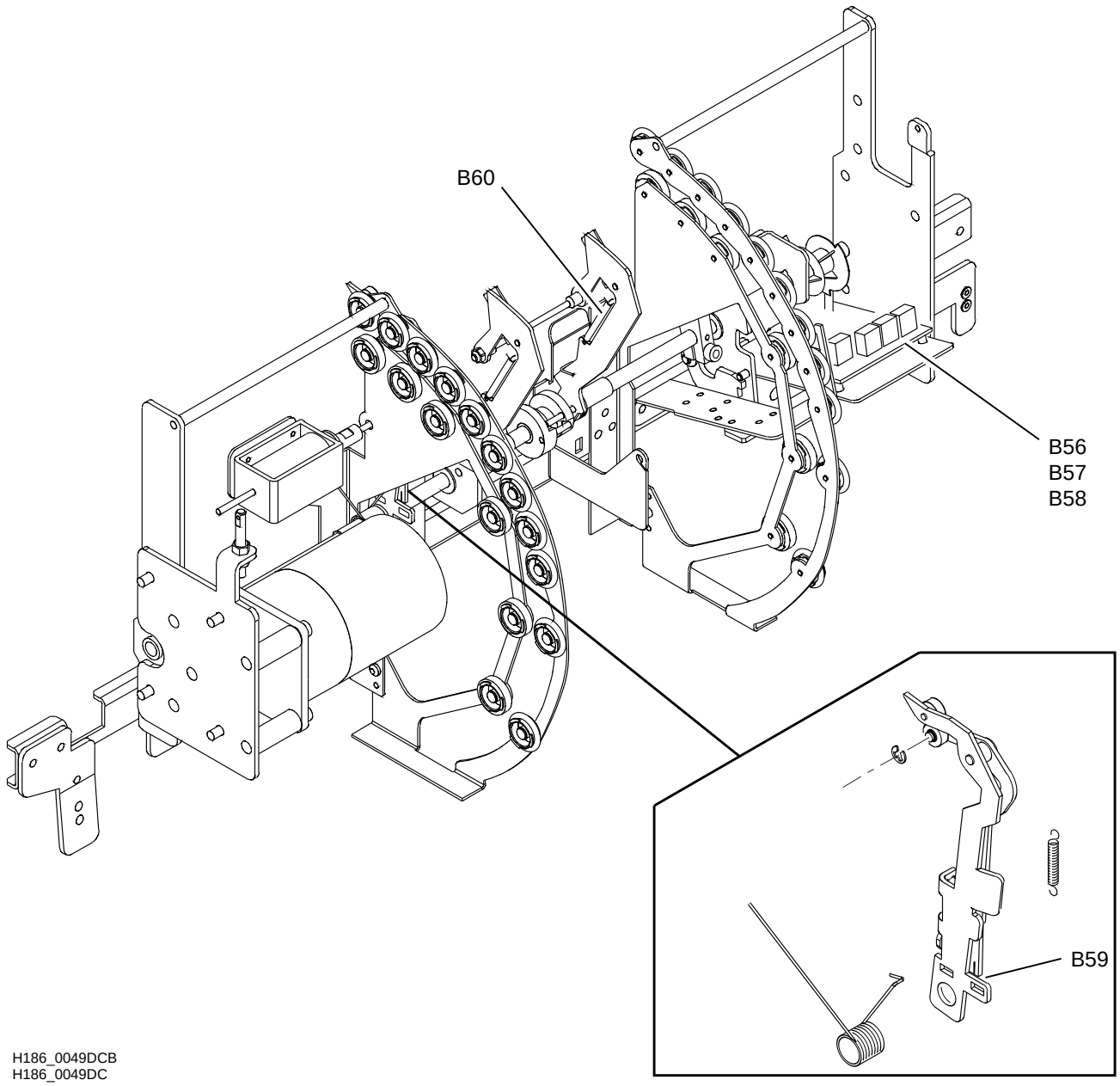

Figure 19 MAGAZINE SENSORS

Component	Description
B56	SENSOR - magazine film picked up, front
B57	SENSOR - magazine film picked up, middle
B58	SENSOR - magazine film picked up, rear
B59	SENSOR - double sheet detector
B60	SENSOR - magazine empty

Figure 20 SENSOR B61

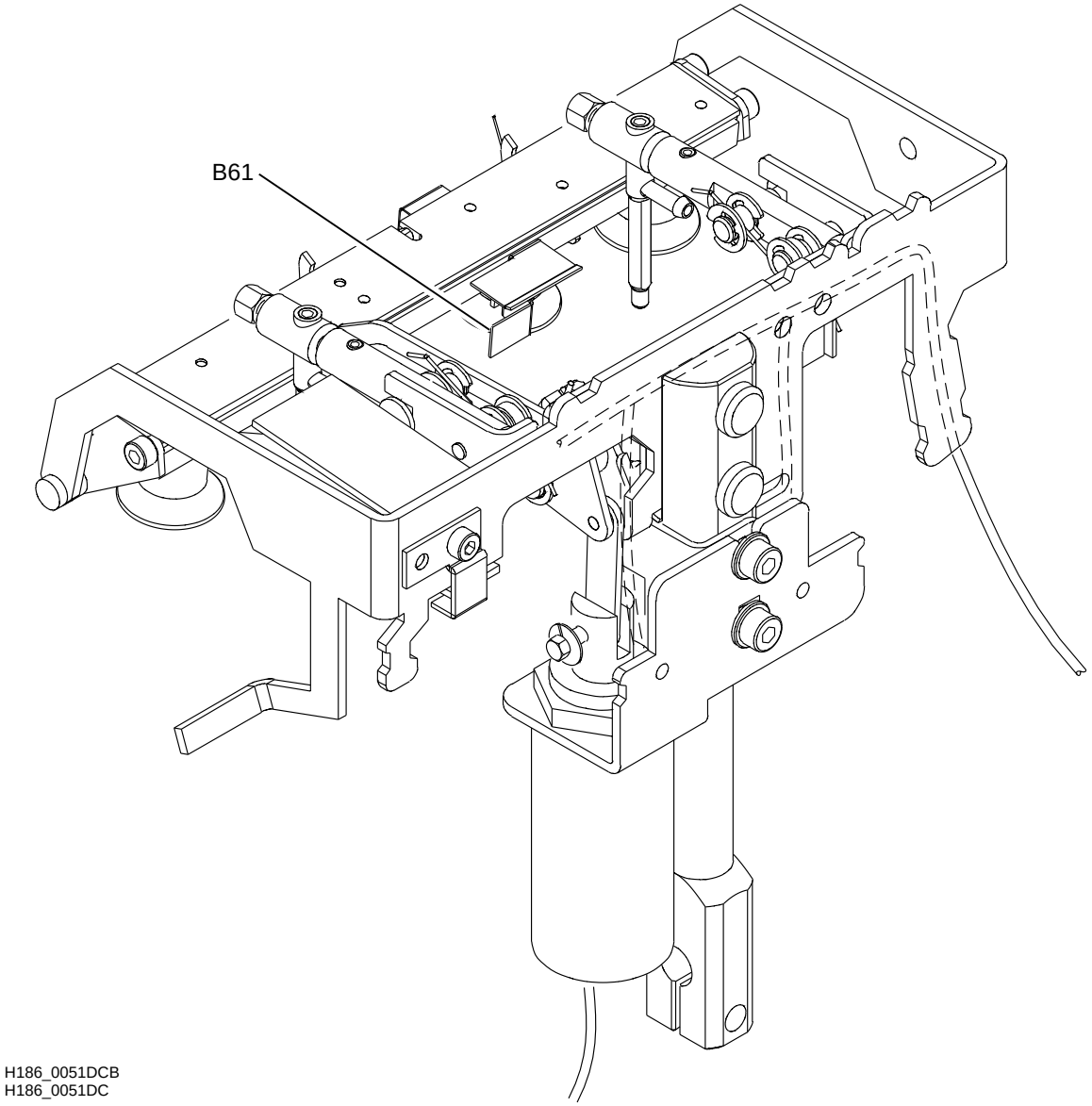

Figure 20 SENSOR B61

Component	Description
B61	SENSOR - film sucker bar

Figure 21 MAGAZINE SHUTTLE MECHANISM SENSORS

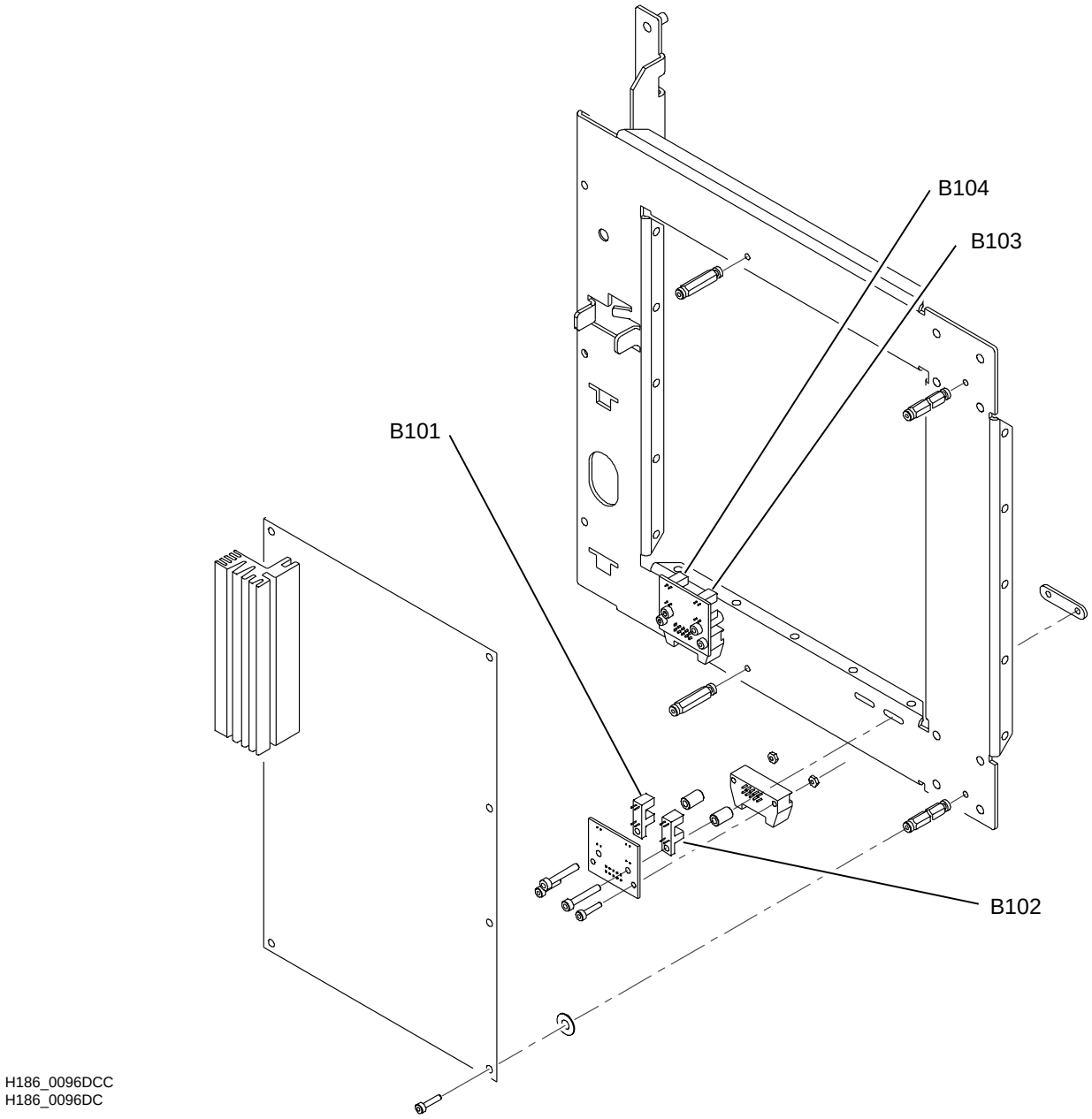

Figure 21 MAGAZINE SHUTTLE MECHANISM SENSORS

Component	Description
B101	SENSOR - magazine close to home
B102	SENSOR - magazine home
B103	SENSOR - magazine close to pickup
B104	SENSOR - magazine at pickup

Figure 22 SENSOR B105/SENSOR B106

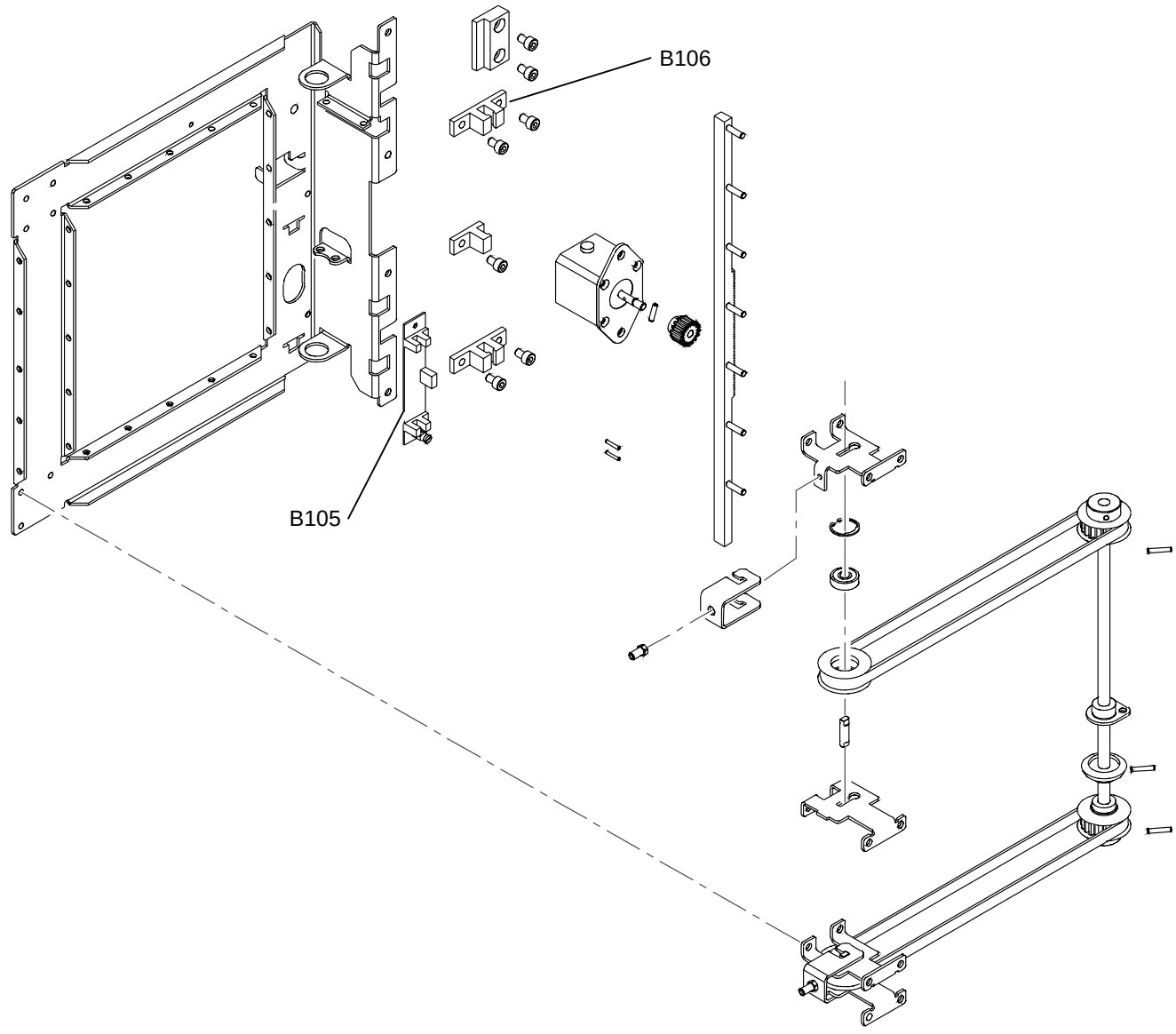

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Figure 22 SENSOR B105/SENSOR B106

Component	Description
B105	SENSOR - magazine opener rack gear home position
B106	SENSOR - magazine opener rack gear open position

Figure 23 SENSOR B107

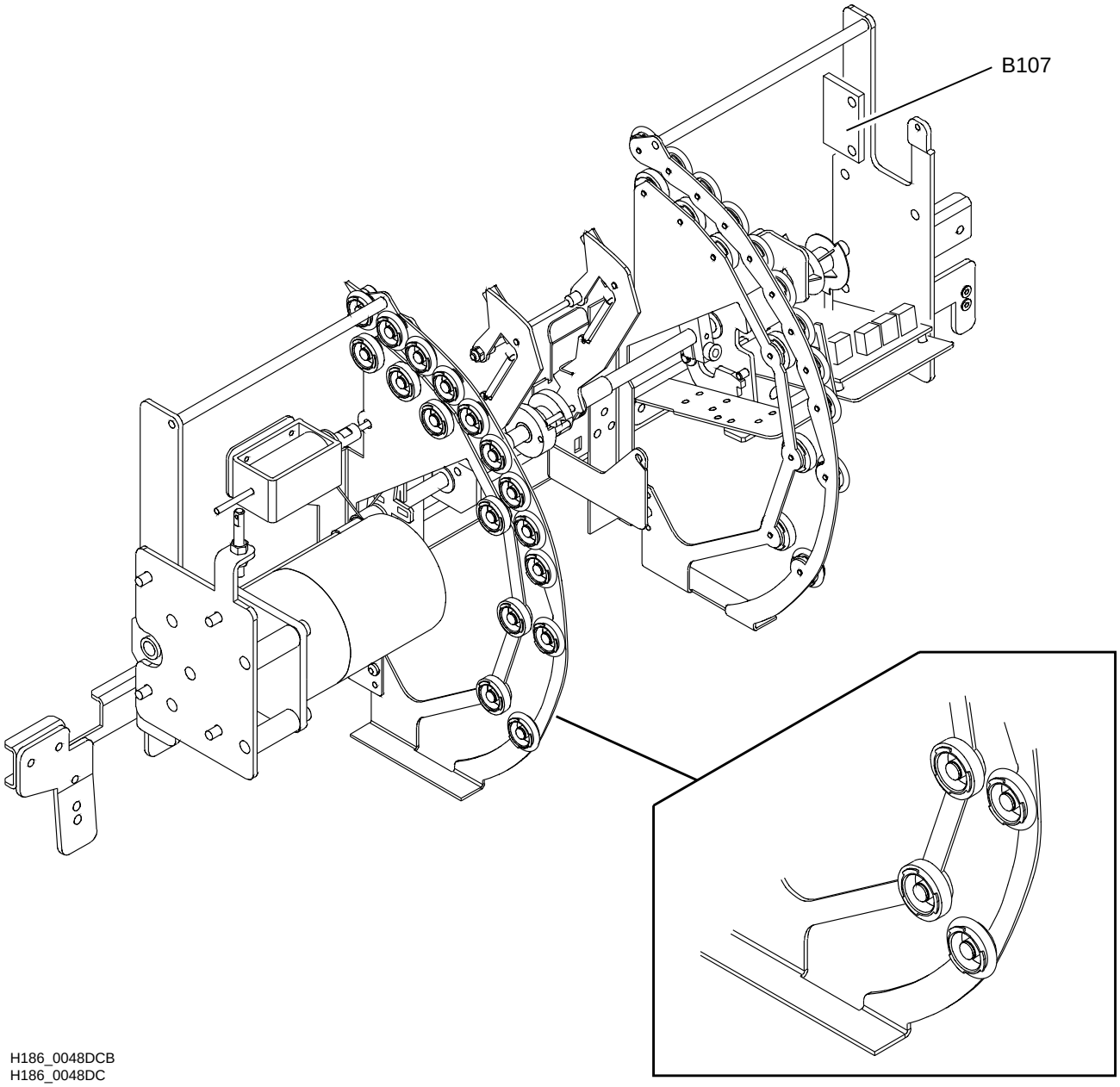


Figure 23 SENSOR B107

Component	Description
B107	SENSOR - magazine precise level detector

Figure 24 SENSOR B108

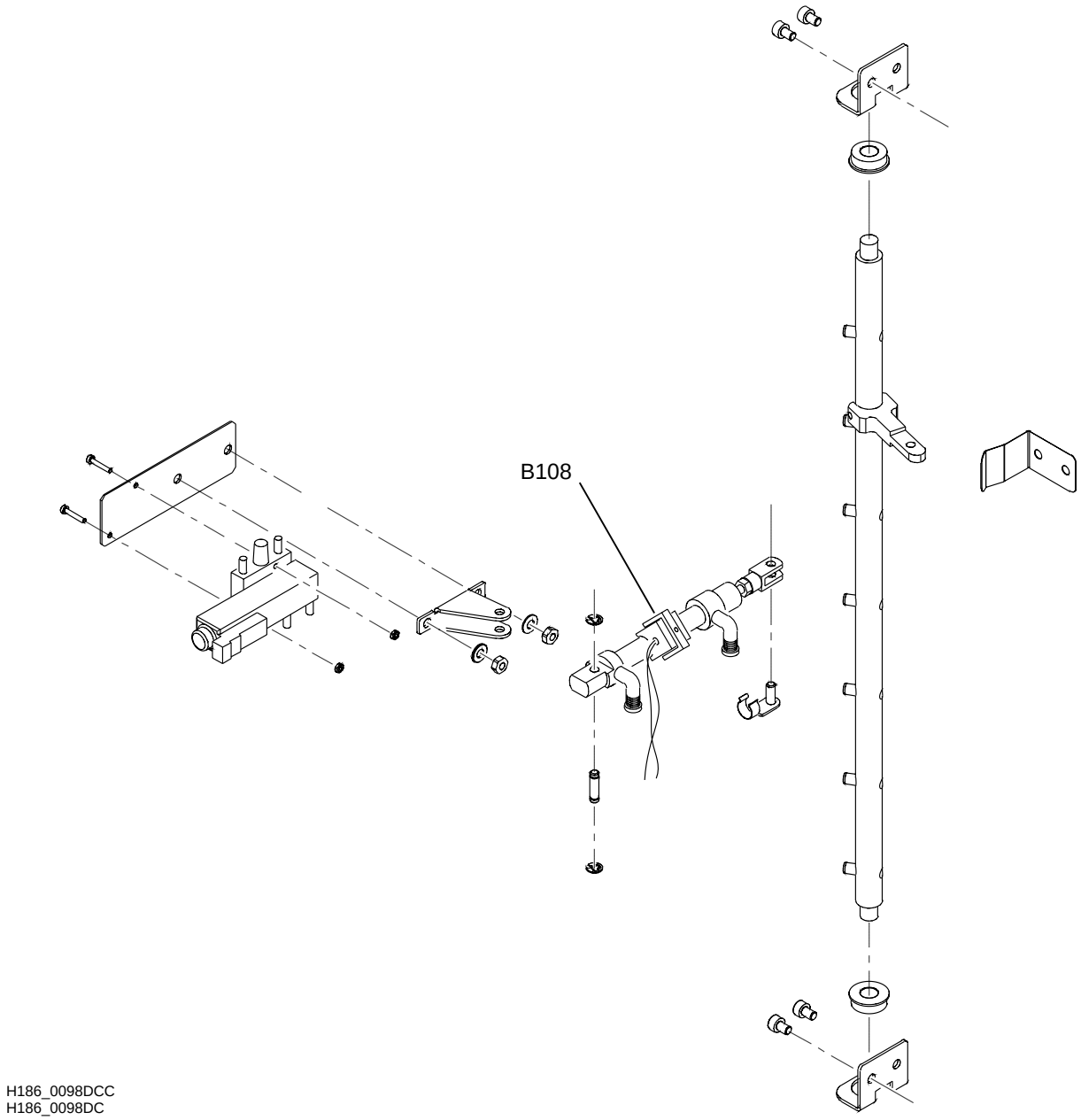


Figure 24 SENSOR B108

Component	Description
B108	SENSOR - magazine lock home

Figure 25 SENSOR B109/SENSOR B110

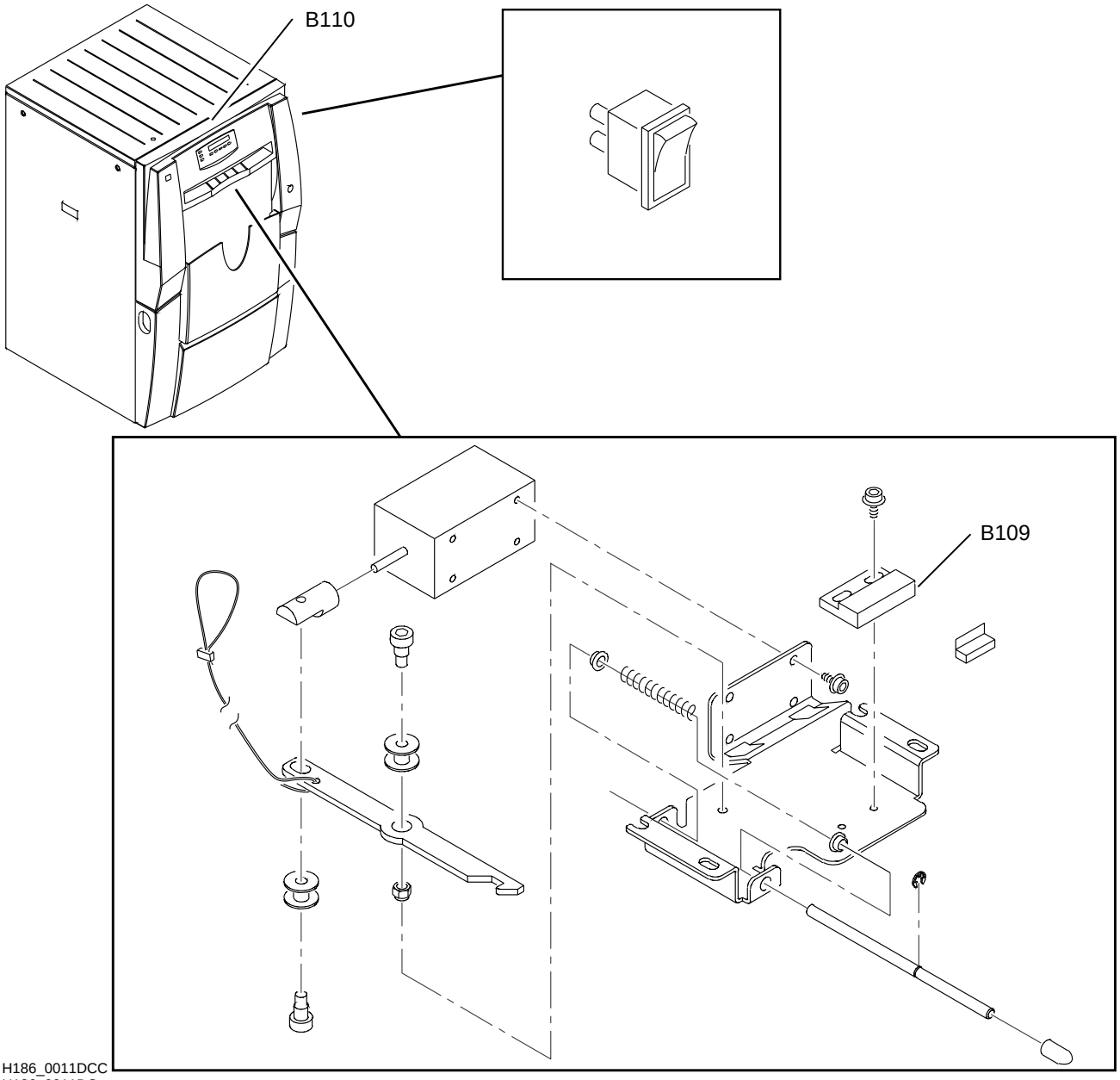


Figure 25 SENSOR B109/SENSOR B110

Component	Description
B109	SENSOR - magazine door interlock switch
B110	SENSOR - top cover interlock switch

Figure 26 FILM SIZE/TYPE MAGAZINE SENSORS

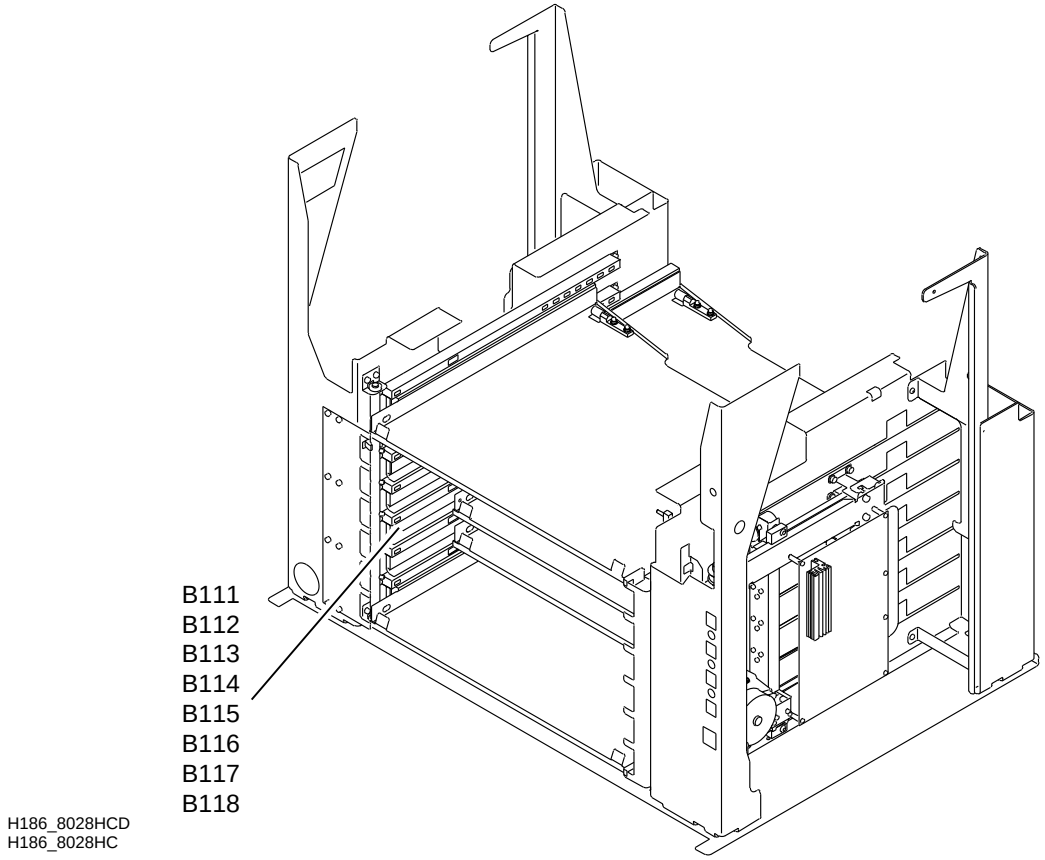
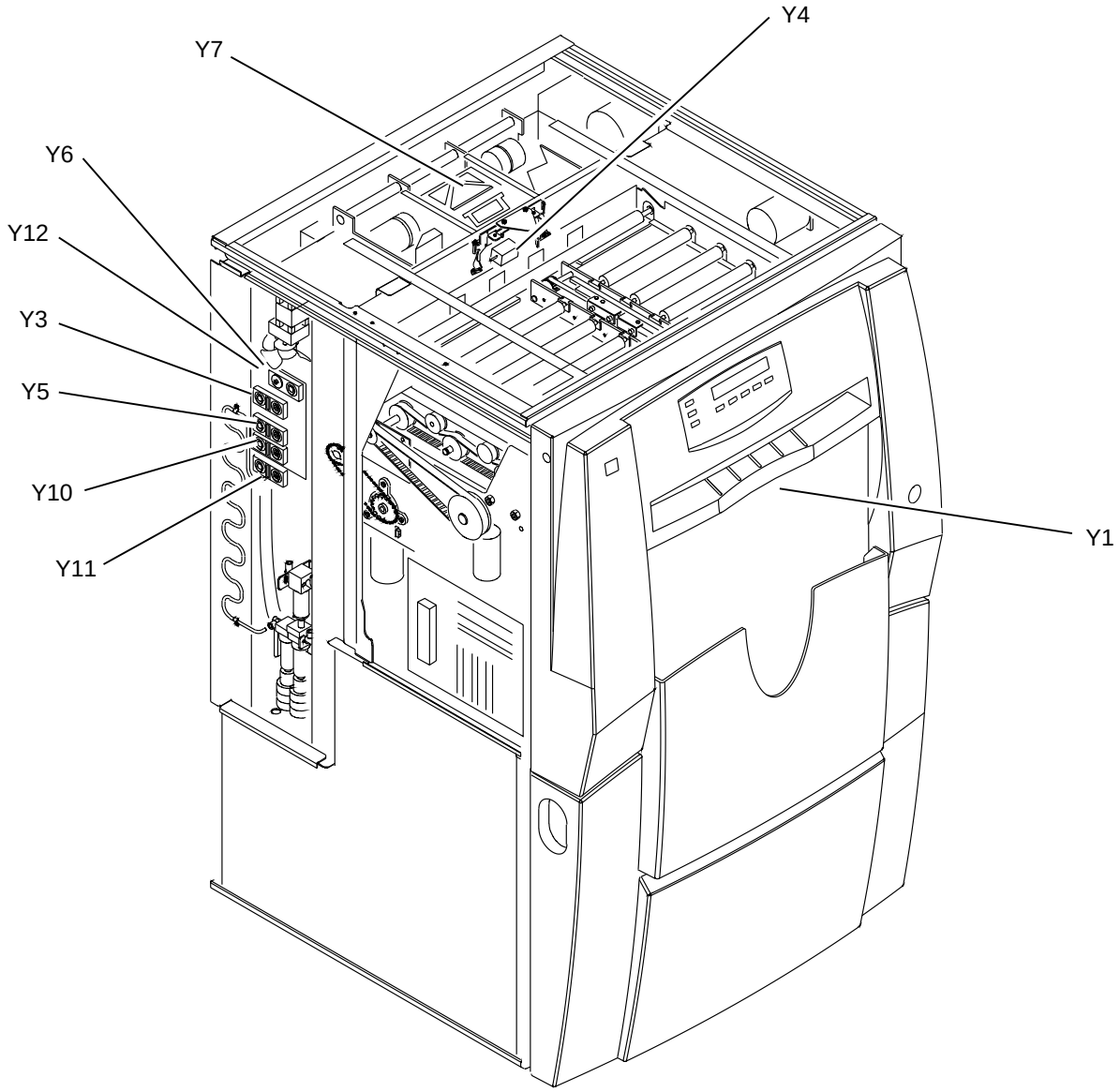


Figure 26 FILM SIZE/TYPE MAGAZINE SENSORS

Component	Description
B111	SENSOR - magazine cover closed
B112	SENSOR - film size/type magazine reflective sticker position 1
B113	SENSOR - film size/type magazine reflective sticker position 2
B114	SENSOR - film size/type magazine reflective sticker position 3
B115	SENSOR - film size/type magazine reflective sticker position 4
B116	SENSOR - film size/type magazine reflective sticker position 5
B117	SENSOR - film size/type magazine reflective sticker position 6
B118	SENSOR - film size/type magazine reflective sticker position 7

Figure 27 SOLENOID VALVES



H186_0038DCD
H186_0038DC

Figure 27 SOLENOID VALVE

Component	Description
Y1	SOLENOID - front door solenoid
Y3	SOLENOID VALVE - cassette blowing
Y4	SOLENOID - cassette opener
Y5	SOLENOID VALVE - cassette sucking
Y6	SOLENOID VALVE - cassette sucker venting
Y7	SOLENOID - sucker bar tilting
Y10	SOLENOID VALVE - magazine blow sucker
Y11	SOLENOID VALVE - magazine blowing
Y12	SOLENOID VALVE - magazine sucking

Figure 28 SOLENOID Y14/SOLENOID Y15

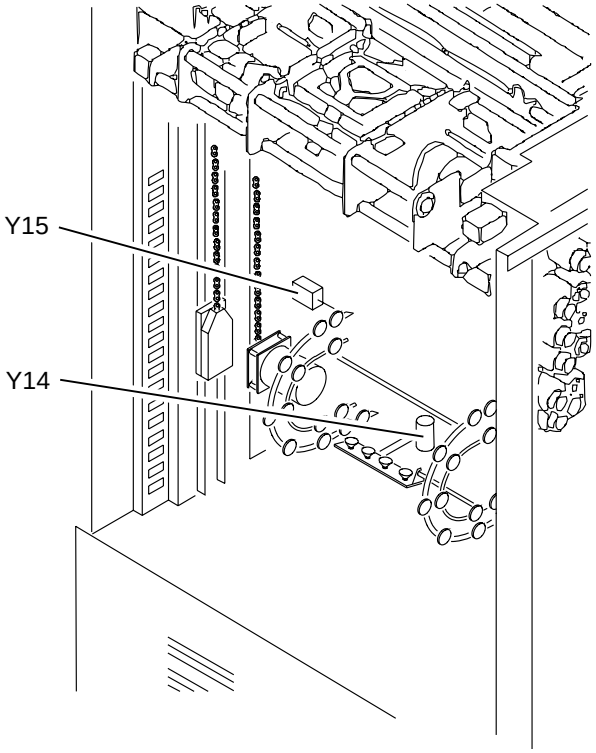


Figure 28 SOLENOID Y14/SOLENOID Y15

Component	Description
Y14	SOLENOID - sucker bar tilting
Y15	SOLENOID - double sheet detection

Figure 29 SOLENOID Y20

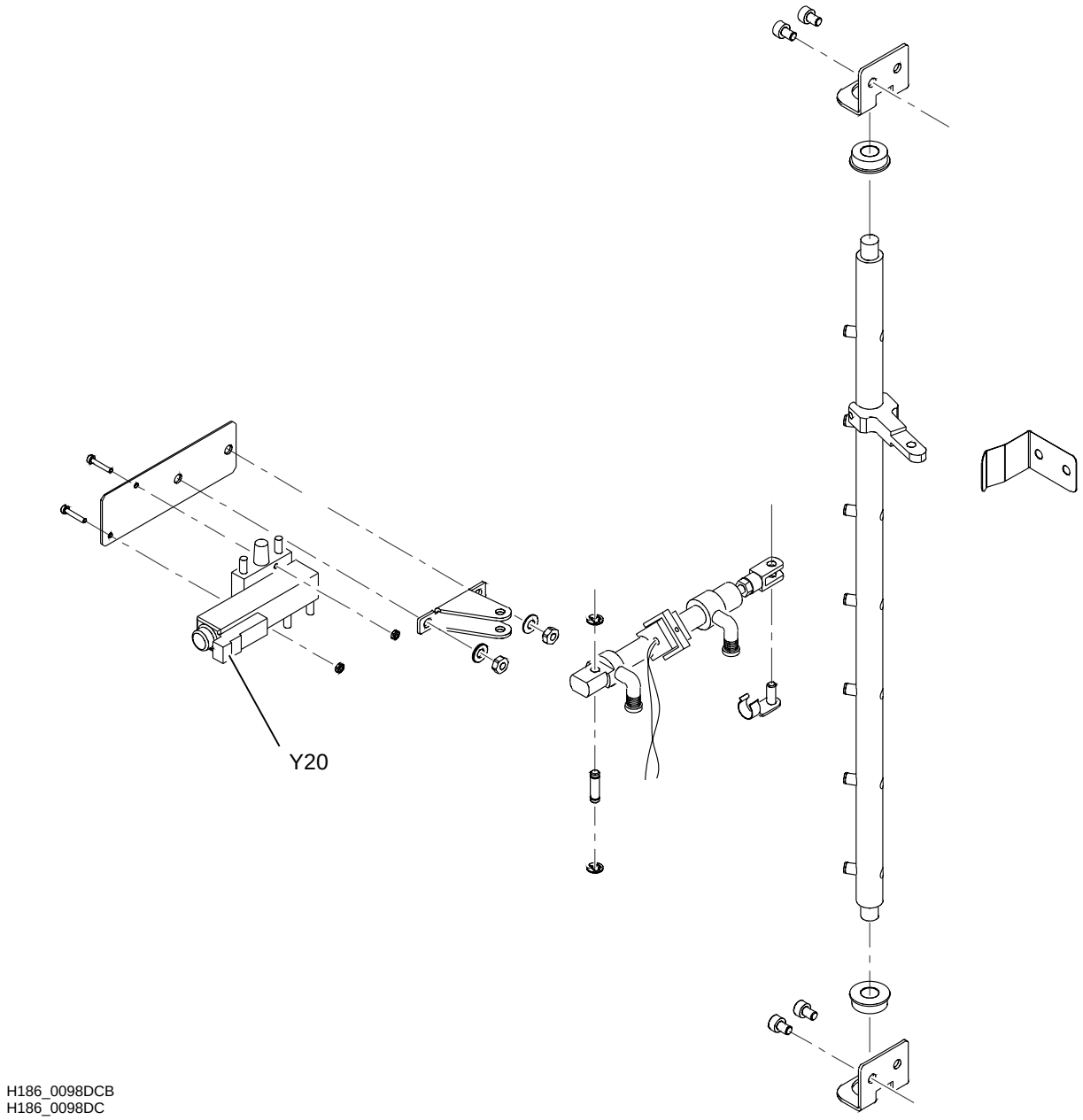
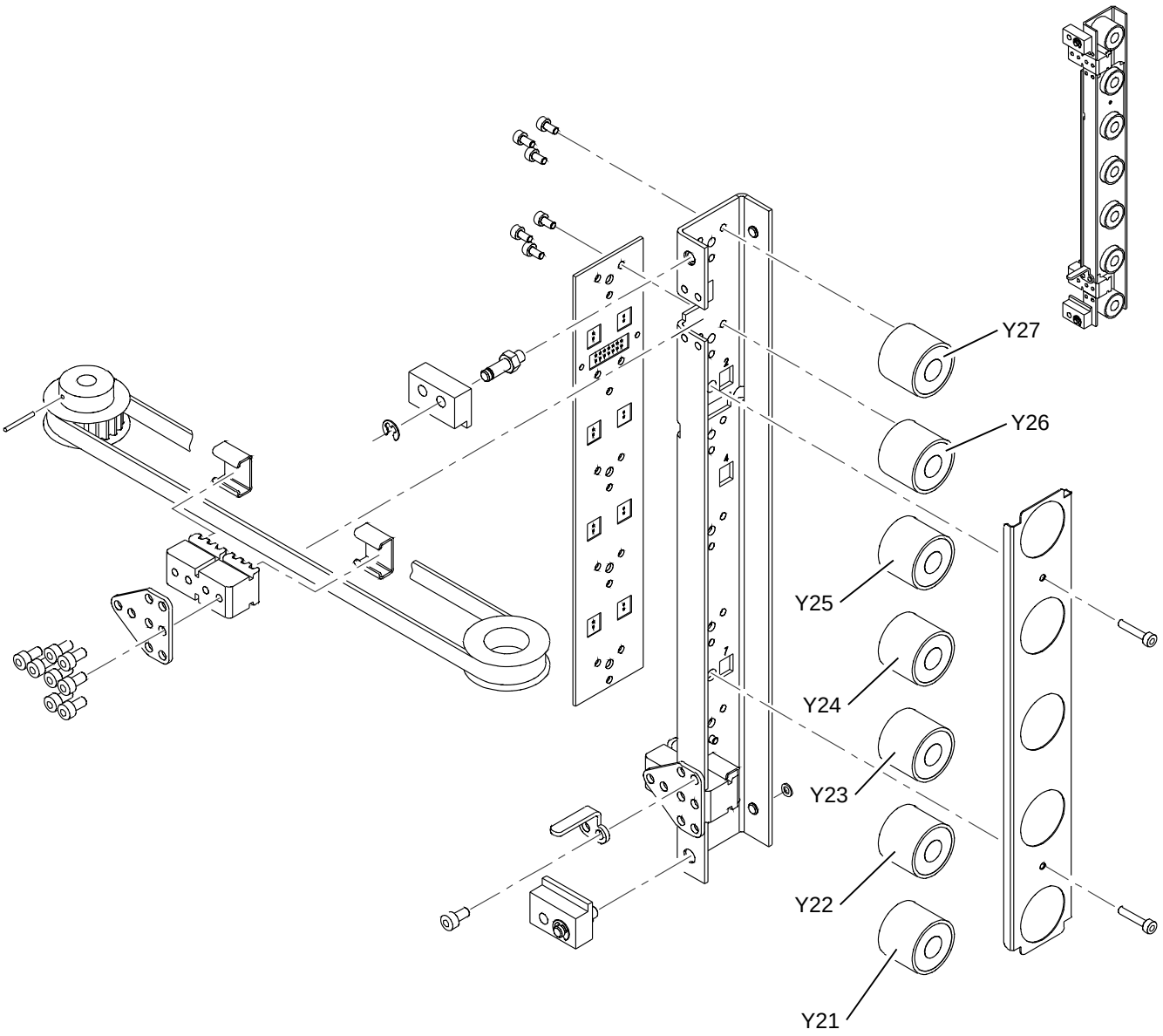


Figure 29 SOLENOID Y20

Component	Description
Y20	SOLENOID - drawer lock

Figure 30 ELECTROMAGNET SOLENOIDS



H186_0095DCC
H186_0095DC

Figure 30 ELECTROMAGNET SOLENOIDS

Component	Description
Y21	ELECTROMAGNET - magazine transport
Y22	ELECTROMAGNET - magazine transport
Y23	ELECTROMAGNET - magazine transport
Y24	ELECTROMAGNET - magazine transport
Y25	ELECTROMAGNET - magazine transport
Y26	ELECTROMAGNET - magazine transport
Y27	ELECTROMAGNET - magazine transport

Figure 31 SWITCH S1/SWITCH S3/SWITCH S4

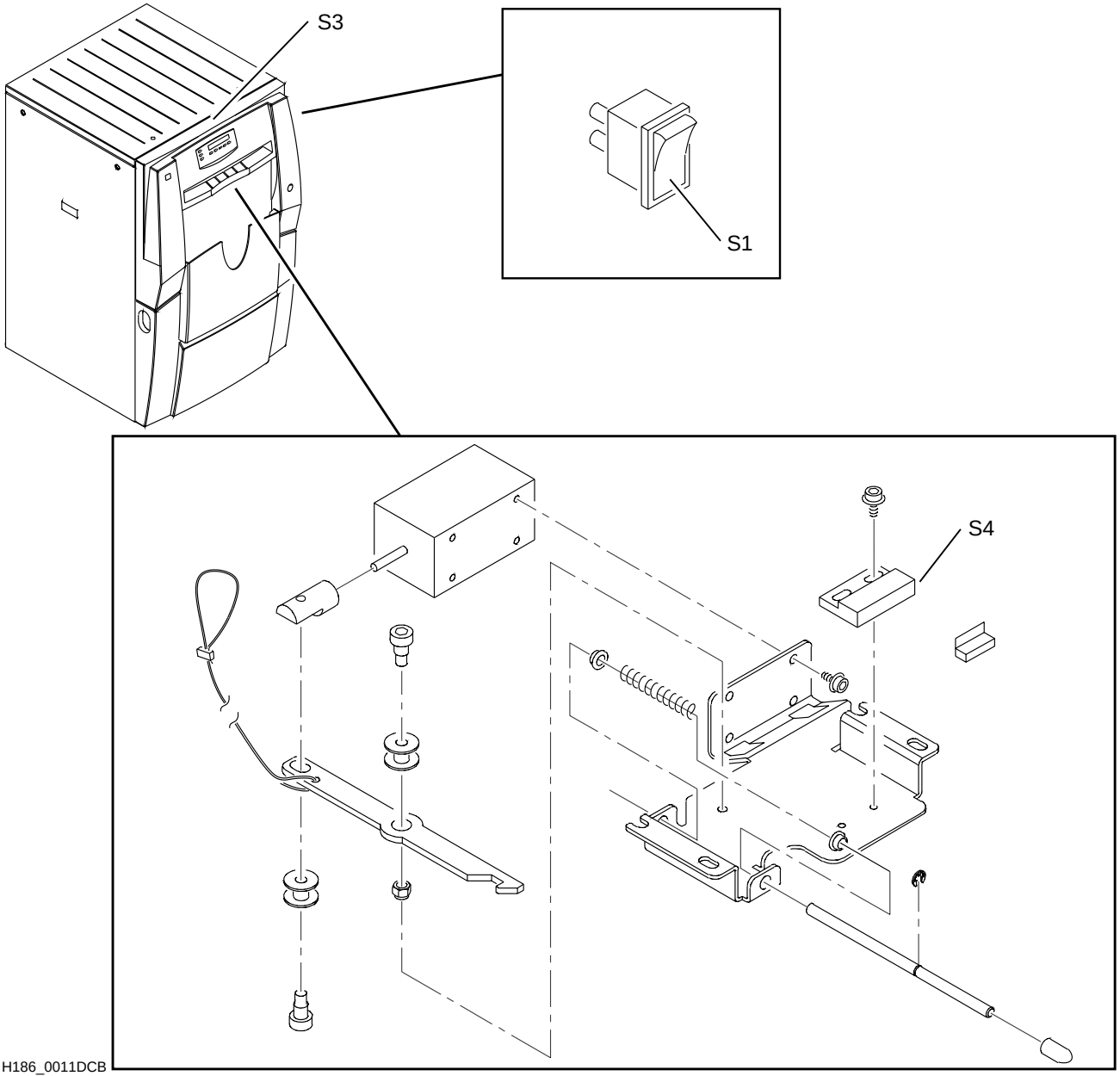
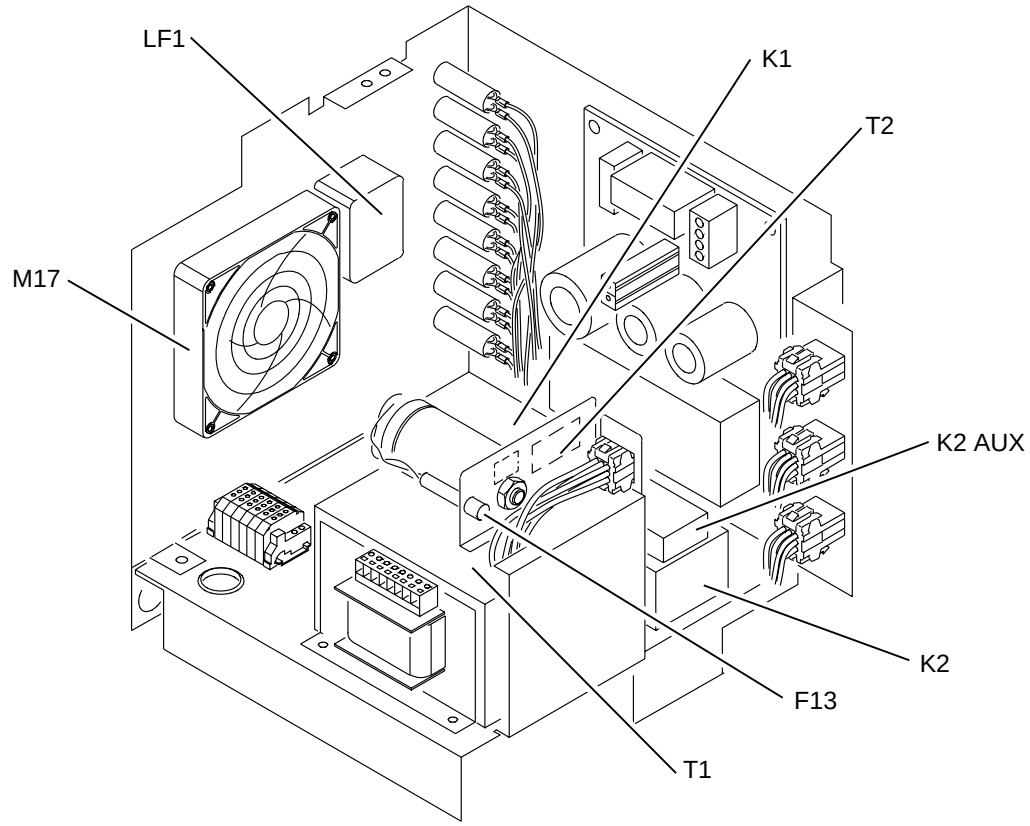


Figure 31 SWITCH S1/SWITCH S3/SWITCH S4

Component	Description
S1	SWITCH - operator main switch
S3	SWITCH - top cover, B110
S4	SWITCH - magazine door, B109

Figure 32 POWER SUPPLY



H186_0107HCA
H186_0107HC

Figure 32 POWER SUPPLY

Component	Description
K1	RELAY - contactor
K2	RELAY - contactor
K2 Aux	RELAY - auxiliary
LF1	LINE FILTER - emi
T1	TRANSFORMER
T2	TRANSFORMER
F13	FUSE
M17	MOTOR - power supply fan

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